

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Jew*

Applicant: Evenstad et al.
Serial No.: 10/725,692
Filed: December 2, 2003
For: MULTIVITAMIN FORMULATIONS FOR PROMOTING HEALTHY COLLAGEN, AND METHODS OF THEIR USE

Examiner: Unknown
Group Art Unit: 1614
Docket No.: USL0013/US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT ON June 22, 2004, THIS PAPER IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450

Paula J. Breeden
PAULA J. BREEDEN

INFORMATION DISCLOSURE STATEMENT

The documents listed on the enclosed Form PTO-1449 are presented pursuant to Applicant's duty of disclosure under 37 C.F.R. 1.56. In accordance with 37 CFR 1.98(a)(2), enclosed is a copy of each of the foreign patents and non-patent publications.

No fee is believed to be necessary for the consideration of this Information Disclosure Statement since it is being filed before the receipt of an Office Action on the merits. In case the papers cross in the mail, it is requested that consideration of this Information Disclosure Statement be given under 37 C.F.R. § 1.97 (c)(2). If any fee is required, please charge our Deposit Account No. 50-1775 and notify us of the same.

Respectfully Submitted,

Dated: June 21, 2004

By: D. C. Schulte
Daniel C. Schulte, Reg. No. 40,160



33072

PATENT TRADEMARK OFFICE

Phone: 651-275-9806

Faxsimile: 651-351-2954

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
		USL0013/US	10/725,692
		Applicant	
		Evenstad et al.	
		Filing Date	Group
		December 2, 2003	1614



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,849,220	07/1989	Nielsen et al.			
	5,654,011	08/1997	Jackson et al.			
	5,312,816	05/1994	Spielvogel et al.			
	5,807,586	09/1998	Jackson et al.			
	5,968,917	10/1999	Clayton			
	6,040,333	03/2000	Jackson			
	6,080,431	06/2000	Andon et al.			
	6,121,249	09/2000	Weissman et al.			
	6,150,346	11/2000	Knutson et al.			
	6,265,391	07/2001	Herbert			
	6,323,188	11/2001	Weissman			

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No
/	BG0104098A	08/2001	Bulgaria			Abstract
/	JP2001158736A2	06/2001	Japan			Abstract
/	JP2000281586A2	10/2000	Japan			Abstract
/	JP8208490A2	08/1996	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Lubec, B. et al., "Evidence for McKusick's hypothesis of deficient collagen cross-linking in patients with homocystinuria," <i>Biochimica et Biophysica Acta</i> 1315, pp. 159-162, 1996
	Liu, S.H. et al., "Collagen in Tendon, Ligament, and Bone Healing," <i>Clinical Orthopaedics and Related Research</i> , No. 318, pp. 265-278, September 1995
	Heaney, R.P. et al., "Absorbability and Cost Effectiveness in Calcium Supplementation," <i>Journal of the American College of Nutrition</i> , Vol. 20, No. 3, pp. 239-246, 2001
	Andrews, M. et al., "The Role of Zinc in Wound Healing," <i>Advances in Wound Care</i> , Vol. 12, No. 3, pp. 137-138, April 1999
	Kang, A.H. et al., "A Collagen Defect in Homocystinuria," <i>The Journal of Clinical Investigation</i> , Vol. 52, pp. 2571-2578, October 1973
	Scholl, D. et al., "Nutrient Recommendations for Wound Healing," <i>Journal of Intravenous Nursing</i> , Vol. 24, No. 2, pp. 124-132, March/April 2001
	Montes, G.S. et al., "Biology of Collagen," <i>Rev. Can. Biol. Experiment</i> , Vol. 41, No. 2, pp. 143-156, 1982

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No.	Serial No.
			USL0013/US	10/725,692
	Applicant			
	Evenstad et al.			
	Filing Date	Group		
	December 2, 2003	1614		

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No
/	WO 97/03676	02/1997	PCT				Abstract
/	WO 97/25049	07/1997	PCT				
/	WO 99/00135	01/1999	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Melton, M.E. et al., "Reversal of Severe Osteoporosis With Vitamin B ₁₂ and Etidronate Therapy in a Patient with Pernicious Anemia," <i>Metabolism</i> , Vol. 43, No. 4, pp. 468-469, April 1994
		Burgeson, R.E. et al., "Collagen Types," <i>Clinical Orthopaedics and Related Research</i> , No. 282, pp. 250-272, September 1992
		McGowan, J.A. et al., "Commentary on the Women's Health Initiative," <i>Maturitas</i> , No. 34 pp. 109-112, 2000
		Bendich, A., "Micronutrients in Women's Health and Immune Function," <i>Nutrition</i> , Vol. 17, No. 10, pp. 858-867, 2001
		Bode, M.K. et al., Letters to the Editor, "Type I collagen cross-linking and homocysteine," <i>Atherosclerosis</i> , Vol. 152, No. 2, pp. 531-532, October 2000
		Seshadri, S. et al., "Plasma Homocysteine as a Risk Factor for Dementia and Alzheimer's Disease," <i>N Engl J Med</i> , Vol. 346, No. 7, pp. 476-483, February 2002
		Schnyder, G. et al., "Decreased Rate of Coronary Restenosis after Lowering of Plasma Homocysteine Levels," <i>N Engl J Med</i> , Vol. 345, No. 22, pp. 1593-1600, November 29, 2001
		Harrison's Principles of Internal Medicine, Volume 1, Thirteenth Edition, p. 445, 1994
		Harrison's Principles of Internal Medicine, Volume 2, Thirteenth Edition, pp. 2122-2123, 1994
		Swain, R. et al., "Vitamins as Therapy in the 1990s," <i>JABFP</i> , Vol. 8, No. 3, pp. 206-216 May-June 1995
		Johnson, S., "The multifaceted and widespread pathology of magnesium deficiency," <i>Medical Hypotheses</i> , Vol. 56, No. 2, pp. 163-170, 2001

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. USL0013/US	Serial No. 10/725,692.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Evenstad et al.	
		Filing Date December 2, 2003	Group 1614

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Ilich, J.Z. et al., "Nutrition in Bone Health Revisited: A Story Beyond Calcium," <i>Journal of the American College of Nutrition</i> , Vol. 19, No. 6, pp. 715-737, 2000
		Brouwers, J.R., "Advanced and Controlled Drug Delivery Systems in Clinical Disease Management," <i>Pharmacy World & Science</i> , Vol. 18, No. 5, pp. 153-162, 1996
		Packard, P.T., "Medical Nutrition Therapy for Patients with Osteoporosis," <i>Journal of the American Dietetic Association</i> , Vol. 97, No. 4, pp. 414-417, April 1997
		Weber, P., "The Role of Vitamins in the Prevention of Osteoporosis -- a Brief Status Report," <i>Int. J. Vitam. Nutr. Res.</i> , Vol. 69, No. 3, pp. 194-197, 1999
		El-Sewfy, S.E. et al., "Hyperhomocysteinaemia and cardiovascular risk in female ovariectomized rats: role of folic acid and hormone replacement therapy," <i>J. Pharm. Pharmacol.</i> , Vol. 54, No. 3, pp. 391-397, 2002
		Lloyd, T. et al., "Determinants of Bone Density in Young Women. I. Relationships among Pubertal Development, Total Body Bone Mass, and Total Body Bone Density in Premenarchal Females," <i>J. Clin. Endocrinol Metab.</i> , Vol. 75, No. 2, pp. 383-387, 1992
		Bunker, V.W., "The role of nutrition in osteoporosis," <i>British Journal of Biomedical Science</i> , Vol. 51, No. 3, pp. 228-240, 1994
		Klaus, K. et al., "Chronic Heart Failure and Micronutrients," <i>J. Am. Coll. Cardiol.</i> , Vol. 37, No. 7, pp. 1765-1774, 2001

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. USL0013/US	Serial No. 10/725,692
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Evenstad et al.	
		Filing Date December 2, 2003	Group 1614

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Yap, S. et al., "Vascular Outcome in Patients with Homocystinuria due to Cystathione [beta]-Synthase Deficiency Treated Chronically: A Multicenter Observational Study," <i>Arteriosclerosis, Thrombosis and Vascular Biology</i> , Vol. 21, No. 12, pp. 2080-2085, December 2001
		de Jong, N. et al., "Dietary Supplements and Physical Exercise Affecting Bone and Body Compositions in Frail Elderly Persons," <i>American Journal of Public Health</i> , Vol. 90, No. 6, pp. 947-954, June 2000
		Greenspan, S.L., "A 73-Year-Old Woman With Osteoporosis," <i>JAMA</i> , Vol. 281, No. 16, pp. 1531-1540, April 1999
		Isherwood, D.M., "Homocystinuria: Early diagnosis and intervention reduces risk of visual impairment and thromboembolism," <i>British Medical Journal</i> , Vol. 313, No. 7064, pp. 1025-1026, October 1996
		Porteous, L., "Nutritional influences on indices of bone health: Preliminary results from the extent of osteoporosis in young British women study," <i>Proceedings of the Nutrition Society</i> , Vol. 60, 225A, Meeting of 10-12 July 2001
		Nielsen, F.H., "Studies on the relationship between boron and magnesium which possibly affects the formulation and maintenance of bones," <i>Magnes. Trace Elem.</i> 9(2), pp. 61-69, 1990 (ABSTRACT ONLY)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#13058